

Appendix 12

Smart Highways Checklist



SMART HIGHWAYS CHECKLIST

LONG RANGE TRANSPORTATION PLAN (LRTP) AND TRANSPORTATION IMPROVEMENT PROGRAMS (TIP) STATUS

- _____ a. Document the date that the Metropolitan Planning Organization (MPO) officially adopted, accepted or approved the LRTP and/or TIP and completed an emissions estimate for the baseline year, attainment year, and LRTP horizon year.
- _____ b. Document that the LRTP and/or TIP is financially constrained consistent with 23 CFR 450.

DEFERRED NONATTAINMENT DESIGNATION

- _____ a. Document the classification for the deferred 8-hour ozone nonattainment area.
- _____ b. Document that the early action compact milestones are being met.

TRANSPORTATION PLANNING AND PROCEDURE REQUIREMENTS

- _____ a. Document the LRTP content and horizon years including:
 - descriptions of the demographic and employment factors influencing expected transportation demand;
 - descriptions of the transportation system; and
 - descriptions of other transportation policies, requirements, services and activities including intermodal activities.
- _____ b. Document the use of the latest planning assumptions, the source and the year of the assumptions including:
 - current and future population, employment, travel, and congestion;
 - changes in transit operating policies (including fares and service levels) and assumed transit ridership, if applicable; and
 - assumptions for transit fares and road and bridge tolls, if applicable.
- _____ c. Document the use of the latest emissions model approved by EPA, and any other air quality models used.
- _____ d. Document fulfillment of public consultation requirements for the LRTP and TIP and that interagency consultation occurred.

REGIONAL EMISSIONS ANALYSIS

- _____ a. Provide a table that shows the results of the emission analysis for the ozone precursors (i.e., volatile organic compounds and nitrogen oxides);

- _____ b. Document all federal projects and all regionally significant non-federal projects are included in the regional emissions analysis;
- _____ c. For each project, identify project type as air quality neutral or has an air quality impact, open to service date, and analysis year.

MODELING DOCUMENTATION

- _____ a. Document the methodology used in the regional transportation-related emissions analysis.
- _____ b. Document that the practice of the MPO to estimate vehicle miles traveled (VMT) is consistent with the practice being used to develop the VMT for the regional emissions analysis.

SPECIFIC CONSULTATION

- _____ a. Document that the models and assumptions have been chosen through interagency consultation.
- _____ b. Document the consultation on regional emission analysis and methodologies.

Notes:

This checklist is intended solely as an informational guideline to be used in reviewing Transportation Plans and TIPs for adequacy of their documentation.

This process will be used during long range transportation plan updates as required by 23 CFR 450.322.

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